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**Agromet Advisory Service Bulletin**

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**ERNAKULAM DISTRICT**

**AAS 17/2019(34), Friday**

**26.04.2019**

**CURRENT SYNOPTIC SITUATION:** A well marked low pressure area over east Equatorial Indian Ocean & adjoining southeast Bay of Bengal has concentrated into a depression over the same region and lay centered at 0830 hrs IST of today, the 26th April 2019 near Lat. 2.7°N and Long. 89.7°E, about 1140 km east southeast of Trincomalee (Sri Lanka), 1490 km southeast of Chennai and 1760 km south-southeast of Machilipatnam. It is very likely to intensify further into a deep depression during next 24 hours and into a Cyclonic Storm during subsequent 12 hours. It is very likely to move northwestwards off Srilanka coast during next 96 hours and reach near north Tamilnadu & south Andhra Pradesh coasts on 30th April 2019 evening.

**HEAVY RAINFALL WARNING:** Day 4 & Day 5: Heavy Rainfall (7cm – 11cm in 24 hrs) is most likely to occur at isolated places in Kerala.

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

Weather parameters	27.04.2019	28.04.2019	29.04.2019	30.04.2019	01.05.2019
Rainfall (mm)	0.2	0.4	2	15	18
Maximum temperature (°C)	34	34	34	33	33
Minimum temperature (°C)	25	25	25	24	24
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	14	14	12	10	10
Wind direction (deg)	290	270	320	320	320
Total cloud cover (octa)	7	7	8	8	8

**Moderate Rain is forecasted in the district by IMD & KAU.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
Coconut	Management	Since air temperature is increased, it is a desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture. The husk can be buried either in linear trenches taken 3 meter away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 meter from the trunk. The trenches may be of 0.5 meter width and depth. The husks are to be placed in layers with concave surface facing upwards and covered with soil. The beneficial effect of husk burial will last for about 5 to 7 years. Instead of husk, coir pith can be buried @ 25 kg/palm/year.
Banana	Sigatoka disease	During this special weather condition, there is a chance of sigatoka disease in banana. As a precaution, Spray 20 g <i>Pseudomonas</i> per one litre of water.
Vegetables (Bhindi)	Jassid's	Due to increased atmospheric temperature, the attack of Jassid's in Bhindi was increased. They can be controlled by applying 2% neem oil emulsion once in a week or by spraying <i>Lecanicillium lecanii</i> at 20 g per litre of water.
Animal Husbandry	Assure increased ventilation in the shed. (CAADECCS, KVASU, Mannuthy)	